

REMARKS

Claims 1, 12, 15 and 18 are amended and claims 5-11 are canceled herein. Support for the amendment to claims 1 and 18 is found, for example, on pages 12-20 and in the original claims. Claims 12 and 15 are amended to delete the word "general" in the phrase "general formula". No new matter is presented.

Upon entry of the Amendment, claims 1-4 and 12-18 will be all of the claims pending in the application.

I. Response to Claim Rejections - 35 USC § 102

Claims 1, 2, 4, 5 and 12-18 are rejected under 35 U.S.C. §102(b) as allegedly being anticipated by Aoshima, U.S. Pat. No. 5,171,655.

Claim 1 is amended herein by incorporating the subject matter of claims 6-11, which is indicated as allowable. Therefore, claim 1 as amended is distinguished over the art and claims 2, 4 and 12-18 are distinguished over the art for at least the same reasons. Claim 5 is canceled herein, thereby rendering the rejection as to claim 5 moot.

Accordingly, Applicants respectfully request withdrawal of the rejection.

II. Allowable Subject Matter

Claims 3 and 6-11 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claim 1 is amended to include the subject matter of claims 6-11 and claims 6-11 are canceled. Therefore, claim 1, as amended, is distinguished over the art and claim 3, which depends from amended claim 1, is distinguished for at least the same reasons.

Accordingly, Applicants respectfully request withdrawal of the objection.

III. Response to Claim Objections

Claim 1 is objected to because the spelling of the word "polymer" in claim 1, line 2 is incorrect.

Applicants respectfully submit that the word "polymer" is spelled correctly in our copy of the application (Attachment A), but for some reason the letter "e" is missing in the PTO's Image File Wrapper version (Attachment B). Nevertheless, claim 1 is amended based upon the PTO's Image File Wrapper version to facilitate and expedite examination.

Accordingly, Applicants respectfully request withdrawal of the objection.

IV. Conclusion

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. APPLN. NO. 10/645,796

ATTT DKT Q76396

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.


Respectfully submitted,

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Date: August 22, 2005



WHAT IS CLAIMED IS:

1. A polymerizable composition comprising:
a binder polymer containing at least an acid group having an acid dissociation constant (pKa) of 5.5 or more and a radical addition polymerizable group; and
a radical-generating compound capable of generating a radical with light or heat.
2. A polymerizable composition according to claim 1, wherein the acid group and the radical addition polymerizable group are introduced as a side chain of the binder polymer.
3. A polymerizable composition according to claim 1, wherein the acid group and the radical addition polymerizable group are introduced into terminal ends of a main chain of the binder polymer.
4. A polymerizable composition according to claim 1, wherein the pKa of the acid group is in a range from 7 to 11.5.
5. A polymerizable composition according to claim 1, wherein the binder polymer comprises a structural unit that has the acid group and that is represented by the following general formula (1):

WHAT IS CLAIMED IS:

In re Akinori SHIBUYA, et al
Appl. No. 10/645,796
Filed: August 22, 2003
For: Polymerizable Composition and Negative-Working Photographic
Printing Plate Precursor Using the Same
Atty Docket Q76396
SUGHRUE, MION, PLLC (202) 293-7060
ATTACHMENT B

1. A polymerizable composition comprising:
a binder polymer containing at least an acid group
having an acid dissociation constant (pKa) of 5.5 or more and
a radical addition polymerizable group; and
a radical-generating compound capable of generating a
radical with light or heat.
2. A polymerizable composition according to claim 1,
wherein the acid group and the radical addition polymerizable
group are introduced as a side chain of the binder polymer.
3. A polymerizable composition according to claim 1,
wherein the acid group and the radical addition polymerizable
group are introduced into terminal ends of a main chain of the
binder polymer.
4. A polymerizable composition according to claim 1,
wherein the pKa of the acid group is in a range from 7 to 11.5.
5. A polymerizable composition according to claim 1,
wherein the binder polymer comprises a structural unit that
has the acid group and that is represented by the following
general formula (1):